

INFORMATION DISCLOSURE CITATION IN AN APPLICATION Form PTO-1449	Docket Number	Application Number
	23453-016	09/661,188
	Applicant(s)	
	Hannes EBERLE <i>et al.</i>	
	Filing Date	Group Art Unit
	September 13, 2000	2645

U.S. PATENT DOCUMENTS

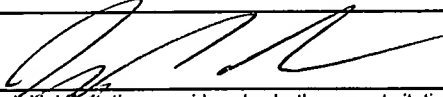
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JTP	1A	4,156,868	05/29/79	Levinson			
	1B	4,554,418	11/01/85	Toy			
	1C	4,757,525	07/12/88	Matthews et al.			
	1D	4,788,643	11/29/88	Trippe et al.			
	1E	4,811,379	03/07/89	Grandfield			
	1F	4,812,843	03/14/89	Champion, III et al.			
	1G	4,837,798	06/06/89	Cohen et al.			
	1H	4,868,866	09/19/89	Williams, Jr.			
	1I	4,941,168	07/10/90	Kelly, Jr.			
	1J	4,942,616	07/17/90	Linstroth et al.			
	1K	4,953,085	08/28/90	Atkins			
	1L	4,972,504	11/20/90	Daniel, Jr. et al.			
	1M	4,989,141	01/29/91	Lyons et al.			
	1N	5,021,953	06/04/91	Webber et al.			
	1O	5,101,352	03/31/92	Rembert			
	1P	5,128,861	07/07/92	Kagami et al.			
	1Q	5,168,445	12/01/92	Kawashima et al.			
JTP	1R	5,187,735	02/16/93	Herrero Garcia et al.			
	1S	5,189,608	02/23/93	Lyons et al.			
	1T	5,204,821	04/20/93	Inui et al.			
	1U	5,214,689	05/25/93	O'Sullivan			
	1V	5,235,680	08/10/93	Bijnagte			
	1W	5,237,499	08/17/93	Garback			

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	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO
JTP	1X	0878948	11/18/98	Europe				
JTP	1Y	0889627	01/07/99	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JTP	1Z	Advertisement for Progressive Telecommunications Corporation's OPUS (undated).					
	1AA	KnowledgeX Workgroup Edition Publication (undated).					
	1BB	Relational OLAP Server, MicroStrategy; DSS Server Brochure, 1996.					
	1CC	Relational OLAP Interface for the Web, 1996.					
	1DD	"Andyne Introduces Greater Flexibility for Database Queries; New Query Management Option Provides Enhanced Management for Enterprise-Wide Queries," <u>Business Wire</u> , January 3, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com .					
JTP	1EE	CATALANO, Carla, "OLAP, Scheduling, Tuning for DBMSs," <u>Computer World</u> , April 1, 1996. Available in DOW JONES INTERACTIVE, http://www.dowjonesinteractive.com .					

EXAMINER	DATE CONSIDERED
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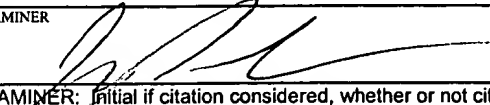
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JTP JTP	2A	5,270,922	12/14/93	Higgins			
	2B	5,347,632	09/13/94	Filepp et al.			
	2C	5,371,787	12/06/94	Hamilton			
	2D	5,404,400	04/04/95	Hamilton			
	2E	5,406,626	04/11/95	Ryan			
	2F	5,444,768	08/22/95	Lemaire et al.			
	2G	5,479,491	12/26/95	Herrero Garcia et al.			
	2H	5,500,793	03/19/96	Deming, Jr et al.			
	2I	5,502,637	03/26/96	Beaulieu et al.			
	2J	5,524,051	06/04/96	Ryan			
	2K	5,555,403	09/10/96	Cambot et al.			
	2L	5,572,643	11/05/96	Judson			
	2M	5,572,644	11/05/96	Liaw et al.			
	2N	5,576,951	11/19/96	Lockwood			
	2O	5,577,165	11/19/96	Takebayashi et al.			
	2P	5,590,181	12/31/96	Hogan et al.			
	2Q	5,604,528	02/18/97	Edwards et al.			
	2R	5,630,060	05/13/97	Tang et al.			
	2S	5,638,424	06/10/97	Denio et al.			
	2T	5,638,425	06/10/97	Meador, III et al.			
2U	5,664,115	09/02/97	Fraser				
2V	5,684,992	11/04/97	Abrams et al.				
JTP	2W	5,689,650	11/18/97	McClelland et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JTP	2X	Andyne's Intranet Strategy Brings DSS to the Web; Company Aims to Dramatically Broaden Scope of Reporting, Online Analysis," <u>PR Newswire</u> , September 18, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com .
	2Y	SACHS <i>et al.</i> , "A First Step on the Path to Automated Flight Reservations," <u>Interactive Voice Technology for Telecommunications</u> , 1996.
	2Z	BENNACEF <i>et al.</i> , "Dialog in the RAILTEL Telephone-Based System," <u>Spoken Language</u> , 1996
	2AA	BROOKS, Peter, "Targeting Customer," <u>DBMS</u> , v9, n13, December 1996, pages 54-58.
	2BB	"Sterling Software Announces Alliance with Thinking Machines," <u>Business Wire</u> , December 16, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com .

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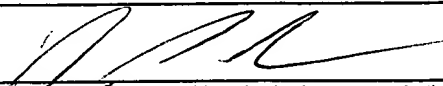
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
97P 1071	3A	5,692,181	11/25/97	Anand et al.			
	3B	5,701,451	12/23/97	Rogers et al.			
	3C	5,706,442	01/06/98	Anderson et al.			
	3D	5,710,889	01/20/98	Clark et al.			
	3E	5,712,901	01/27/98	Meermans			
	3F	5,715,370	02/03/98	Luther et al.			
	3G	5,717,923	02/10/98	Dedrick			
	3H	5,721,827	02/24/98	Logan et al.			
	3I	5,724,410	03/03/98	Parvulescu et al.			
	3J	5,724,525	03/03/98	Beyers, II et al.			
	3K	5,732,216	03/24/98	Logan et al.			
	3L	5,732,398	03/24/98	Tagawa			
	3M	5,737,393	04/07/98	Wolf			
	3N	5,740,429	04/14/98	Wang et al.			
	3O	5,740,829	04/21/98	Jacobs et al.			
	3P	5,742,775	04/21/98	King			
	3Q	5,748,959	05/05/98	Reynolds			
	3R	5,751,790	05/12/98	Makihata			
	3S	5,751,806	05/12/98	Ryan			
3T	5,754,858	05/19/98	Broman et al.				
3U	5,754,939	05/19/98	Herz et al.				
3V	5,757,644	05/26/98	Jorgensen et al.				
97P	3W	5,758,088	05/26/98	Bezaire et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

97P	3X	GUPTA et al., "Index Selection for OLAP," <u>Proceedings of the 13th International Conference on Data Engineering</u> , © 1997
	3Y	HO et al., "Partial-Sum Queries in OLAP Data Cubes Using Covering Codes," <u>PODS'97 Tucson, AZ USA</u>
	3Z	KILMARTIN et al., "Real Time Stock Price Distribution Utilising the GSM Short Messaging Service," 1997 IEEE International Conference on Personal Wireless, 1997, Abstract.
	3AA	<u>Data Warehousing: Data Access and Delivery</u> , Infobase Technology Database, 1997, http://www.dbaint.com/oldinfobase/dwaccdel.html .
97P	3BB	GARDNER, Dana Marie, "Cashing in With Data Warehouses and the Web," <u>Data Based Advisor</u> , v15, n2, February 1997, pages 60-63.

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JTP	4A	5,758,351	05/26/98	Gibson et al.			
	4B	5,761,432	06/02/98	Bergholm et al.			
	4C	5,764,736	06/09/98	Shachar et al.			
	4D	5,765,028	06/09/98	Gladden			
	4E	5,771,172	06/23/98	Yamamoto et al.			
	4F	5,771,276	06/23/98	Wolf			
	4G	5,781,735	07/14/98	Southard			
	4H	5,781,886	07/14/98	Tsujiuchi			
	4I	5,787,151	07/28/98	Nakatsu et al.			
	4J	5,787,278	07/28/98	Barton et al.			
	4K	5,790,936	08/04/98	Dinkins			
	4L	SIR H1743	08/04/98	Graves <i>et al.</i>			
	4M	5,793,980	08/11/98	Glaser et al.			
	4N	5,794,246	08/11/98	Sankaran et al.			
	4O	5,797,124	08/18/98	Walsh et al.			
	4P	5,799,063	08/25/98	Krane			
	4Q	5,799,156	08/25/98	Hogan et al.			
	4R	5,802,488	09/01/98	Edatsune			
	4S	5,802,526	09/01/98	Fawcett et al.			
	4T	5,806,050	09/08/98	Shinn et al.			
4U	5,809,415	09/15/98	Rossmann				
4V	5,809,483	09/15/98	Broka et al.				
SA	4W	5,819,220	10/06/98	Sarukkai et al.			

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REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JTP	4X	<i>Intrepid Systems Announces General Availability of DecisionMaster 4.1; Retailing's Premier Decision Support Software Enhancements Automate Information Delivery.</i> Business Wire, May 27, 1997. Available in DOW JONES INTERACTIVE, http://www.dowjonesinteractive.com .
	4Y	<i>Blue Isle Software InTouch/2000 Product Overview</i> , Blue Isle Software, Inc. (archived July 7, 1997), http://www.blueisle.com . Available in Internet Archive Waybackmachine http://www.archive.org .
	4Z	<i>"Blue Isle Software Teams with Arbor Software to Deliver Automated Systems Management Capabilities for Arbor Essbase,"</i> Business Wire, October 29, 1997. Available in LEXIS, Nexis Library, ALLNWS file.
JTP	4AA	<i>"Early Warning: Compulogic's Dynamic Query Messenger,"</i> Software Futures, November 1, 1997. Available in LEXIS, Nexis Library, ALLNWS file.

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JTT	5A	5,819,293	10/06/98	Comer et al.			
	5B	5,825,856	10/20/98	Porter et al.			
	5C	5,832,451	11/03/98	Flake et al.			
	5D	5,838,252	11/17/98	Kikinis			
	5E	5,838,768	11/17/98	Sumar et al.			
	5F	5,848,397	12/08/98	Marsh et al.			
	5G	5,850,433	12/15/98	Rondeau			
	5H	5,852,811	12/22/98	Atkins			
	5I	5,852,819	12/22/98	Beller			
	5J	5,854,746	12/29/98	Yamamoto et al.			
	5K	5,857,191	01/05/99	Blackwell, Jr. et al.			
	5L	5,864,827	01/26/99	Wilson			
	5M	5,864,828	01/26/99	Atkins			
	5N	5,867,153	02/02/99	Grandcolas et al.			
	5O	5,870,454	02/09/99	Dahlen			
	5P	5,870,724	02/09/99	Lawlor et al.			
	5Q	5,870,746	02/09/99	Knutson et al.			
	5R	5,872,921	02/16/99	Zahariev et al.			
	5S	5,872,926	02/16/99	Levac et al.			
5T	5,878,403	03/02/99	DeFrancesco et al.				
5U	5,880,726	03/09/99	Takiguchi et al.				
5V	5,884,262	03/16/99	Wise et al.				
JTT	5W	5,884,266	03/16/99	Dvorak			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JTT	5X	KILMARTIN <i>et al.</i> , "Development of an Interactive Voice Response System for a GSM SMS Based Share Price Server," DSP '97 Conference Proceedings, December 1997, Abstract.					
	5Y	AVNUR <i>et al.</i> , "CONTROL: Continuous Output and Navigation Technology with Refinement On-Line," © 1998					
	5Z	LIANG <i>et al.</i> , "Computing Multidimensional Aggregates in Parallel," 1998 International Conference on Parallel and Distributed Systems, IEEE					
	5AA	FRIEL <i>et al.</i> , "An Automated Stock Price Delivery System Based on the GSM Short Message Service, ICC'98 1998 IEEE International Conference on Communications, 1998, Abstract.					
JTT	5BB	Microstrategy Products and Services, 1998.					

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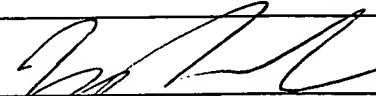
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JEP	6A	5,884,285	03/16/99	Atkins			
	6B	5,884,312	03/16/99	Dustan et al.			
	6C	5,890,140	03/30/99	Clark et al.			
	6D	5,893,079	04/06/99	Cwenar			
	6E	5,893,905	04/13/99	Main et al.			
	6F	5,907,598	05/25/99	Mandalia et al.			
	6G	5,907,837	05/25/99	Ferrel et al.			
	6H	5,911,135	06/08/99	Atkins			
	6I	5,911,136	06/08/99	Atkins			
	6J	5,913,202	06/15/99	Motoyama			
	6K	5,914,878	06/22/99	Yamamoto et al.			
	6L	5,915,238	06/22/99	Tjaden			
	6M	5,918,217	06/29/99	Maggioncalda et al.			
	6N	5,918,225	06/29/99	White et al.			
	6O	5,918,232	06/29/99	Pouschine et al.			
	6P	5,920,848	07/06/99	Schutzer et al.			
	6Q	5,923,736	07/13/99	Shachar			
JEP	6R	5,924,068	07/13/99	Richard et al.			
	6S	5,926,789	07/20/99	Barbara et al.			
	6T	5,931,900	08/03/99	Notani et al.			
	6U	5,933,816	08/03/99	Zeanah et al.			
	6V	5,940,818	08/17/99	Malloy et al.			
	6W	5,943,399	08/24/99	Bannister et al.			

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JEP	6X	Personalized Information Broadcast Server, 1998.
JEP	6Y	"Information Advantage Wins Product of the Year Award for Knowledge Management," <u>Business Wire</u> , March 4, 1998. Available in LEXIS, Nexis Library, ALLNWS file.
JEP	6Z	EMIGH, Jacqueline, "Information Builders, Inc. Launches WebFocus Suit," <u>Newbytes</u> , March 10, 1998. Available in Northern Light, http://www.northernlight.com , Doc. ID BS19980311010000172.
JEP	6AA	MICROSTRATEGY: DSS Broadcaster - The Industry's First Information Broadcast Server, <u>M2 Presswire</u> , March 20, 1998. Available in DOW JONES INTERACTIVE http://www.djinteractive.com
JEP	6BB	Microstrategy Introduces DSS Broadcaster - The Industry's First Information Broadcast Server, March 23, 1998. http://strategy.com/newsandevent/New/PressRelease/1998/broadcaster.htm .

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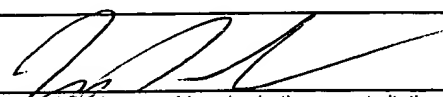
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JRP	7A	5,943,410	08/24/99	Shaffer et al.			
	7B	5,943,677	08/24/99	Hicks			
	7C	5,945,989	08/31/99	Freishtat et al.			
	7D	5,946,666	08/31/99	Nevo et al.			
	7E	5,946,711	08/31/99	Donnelly			
	7F	5,948,040	09/07/99	DeLorme et al.			
	7G	5,950,165	09/07/99	Shaffer et al.			
	7H	5,956,693	09/21/99	Geerlings et al.			
	7I	5,960,437	09/28/99	Krawchuk et al.			
	7J	5,963,641	10/05/99	Crandall et al.			
	7K	5,970,122	10/19/99	LaPorta et al.			
	7L	5,970,124	10/19/99	Csaszar et al.			
	7M	5,974,406	10/26/99	Bisdikian et al.			
	7N	5,974,441	10/26/99	Rogers et al.			
	7O	5,978,766	11/02/99	Luciw			
	7P	5,978,796	11/02/99	Malloy et al.			
	7Q	5,983,184	11/09/99	Noguchi			
7R	5,987,586	11/16/99	Byers				
7S	5,991,365	11/23/99	Pizano et al.				
7T	5,995,945	11/30/99	Notani et al.				
7U	5,996,006	11/30/99	Speicher				
7V	5,999,526	12/07/99	Garland et al.				
JRP	7W	6,003,009	12/14/99	Nishimura			

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JRP	7X	Microstrategy Introduces DSS Broadcaster – The Industry's First Information Broadcast Server, 3/23/98. http://www.strategy.com/newsandevents/News/PressReleases/1998/broadcaster.htm .					
JRP	7Y	"MSNBC on the Internet Launches New Traffic Section; MSNBC.com and Sidewalk.com Team with TrafficStation for Production of Comprehensive Site for Drivers," <i>Financial News</i> , Redmond, Wash., April 15, 1998.					
JRP	7Z	Prospectus – 4,000,000 Shares Microstrategy Class A Common Stock, June 11, 1998.					
JRP	7AA	"System for Telephone Access to Internet Applications – Uses Dial Tones and/or Voice with Interactive Voice Response Unit to Pass Request to Processor that Converts Requests to Communication Protocol Command Set," IBM, Patent No. RD 98412088. July 20, 1998, Abstract.					
JRP	7BB	Relational OLAP Interface, Programmer's Reference and SDK Guide, Version 5.0, August 1998.					

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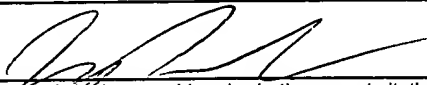
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JTP	8A	6,009,383	12/28/99	Mony			
	8B	6,012,066	01/04/00	Discount et al.			
	8C	6,012,083	01/04/00	Savitzky et al.			
	8D	6,014,427	01/11/00	Hanson et al.			
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	8K	6,021,181	02/01/00	Miner et al.			
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	8N	6,026,087	02/15/00	Mirashrafi et al.			
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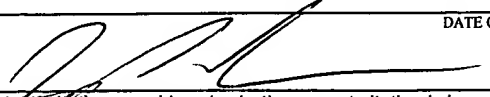
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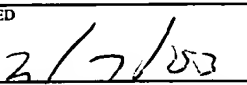
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